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SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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07/734,188 07/22/91 NILSSEN

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EXAMINER

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ART UNIT PAPER NUMBER

2502

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DATE MAILED: 01/27/92

This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

This application has been examined  Responsive to communication filed on \_\_\_\_\_  This action is made final.

A shortened statutory period for response to this action is set to expire -3- month(s), -0- days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

**Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:**

1.  Notice of References Cited by Examiner, PTO-892.
2.  Notice re Patent Drawing, PTO-948.
3.  Notice of Art Cited by Applicant, PTO-1449.
4.  Notice of Informal Patent Application, Form PTO-152.
5.  Information on How to Effect Drawing Changes, PTO-1474.
6.  \_\_\_\_\_

**Part II SUMMARY OF ACTION**

1.  Claims 1-11 are pending in the application.
2.  Claims \_\_\_\_\_ are withdrawn from consideration.
3.  Claims \_\_\_\_\_ have been cancelled.
4.  Claims 1-11 are allowed.
5.  Claims \_\_\_\_\_ are objected to.
6.  Claims \_\_\_\_\_ are subject to restriction or election requirement.
7.  This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.
8.  Formal drawings are required in response to this Office action.
9.  The corrected or substitute drawings have been received on \_\_\_\_\_. Under 37 C.F.R. 1.84 these drawings are  acceptable.  not acceptable (see explanation or Notice re Patent Drawing, PTO-948).
10.  The proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_ has (have) been  approved by the examiner.  disapproved by the examiner (see explanation).
11.  The proposed drawing correction, filed on \_\_\_\_\_, has been  approved.  disapproved (see explanation).
12.  Acknowledgment is made of the claim for priority under U.S.C. 119. The certified copy has  been received  not been received  been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_
13.  Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
14.  Other

**EXAMINER'S ACTION**

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Art Unit 2502

The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

The disclosure is objected to because of the following informalities:

- 1- On page 1, line 3, --now abandoned-- should be added after "1985".
- 2- On page 5, line 14, "64" should be --62--.
- 3- On page 5, line 30, "38" should be --48--.
- 4- On page 3, line 15, "Fig. 11H" is missing.

Appropriate correction is required.

The drawings are objected to because numeral reference 22 is not shown for the knob in Fig 1 as it is indicated in the specification. Correction is required.

The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the

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Art Unit 252

time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

Claims 1-11 rejected under 35 U.S.C. § 103 as being unpatentable over Sridharan et al.

Sridharan et al disclose enclosure for and/or enclosure containing a ballast circuit substantially rectangular in shape and is subdivided into sections such as transformers and printed circuit, etc. Sridharan et al disclose all the subject matter claimed except for the material used to make the transformer core and ballast wall, material such as "ferro-magnetic" or "steel", which is just the matter of design consideration to use such different material for construction.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Nilssen discloses an rectangular electronic ballast unit with sensor and circuit.

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Art Unit 252

Cook et al disclose an inductor such as a fluorescent lamp choke sheet metal casing consisting of two parts.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ALI NEYZARI whose telephone number is (703) 308-4906.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-1615.

A. Neyzari

1-23-92



EUGENE R. LAROCHE  
SUPERVISORY PATENT EXAMINER  
GROUP ART UNIT 252